Special Issue

Organic Waste Valorization Processes under High Pressure

Message from the Guest Editor

Aimed at improving and increasing the knowledge of effective conversion for developing innovative organic waste conversion processes under high pressure, this Special Issue has been conceived as a collection of studies on state-of-the-art techniques and know-how for producing bioproducts from renewable resources using high pressure fluids. Discussion on topics such as recent advances, new methods, modeling, kinetics, troubleshooting, assessment, design, or promising prospect of new technological proposals to be used in an organic waste valorization process are also encouraged. **Keywords:**

- Waste biomass
- Municipal waste
- Organic waste
- Pyrolysis
- Gasification
- Supercritical fluids
- Syngas production
- Biofuel production (biodiesel, green diesel, bio jet-fuel, etc.)
- Hydrogen production
- Chemical production (dimethyl ether, methanol, furanic compounds, amines, etc.)
- Life cycle assessment
- Thermodynamics
- Kinetics
- Process modeling and simulation

Guest Editor

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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